



Dolan Chemical Laboratory
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Water Analysis

Location: Mountaineer Plant

Report Date: 9/20/2012

Plant Outfall #001

Sample Number: 123763-001 **Date Collected: 09/05/2012 08:20** **Date Received: 9/5/2012**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Arsenic, As	4.54	ug/L		0.1	0.03	DPC	09/10/2012 12:06	EPA 200.8
Barium, Ba	101	ug/L		0.1	0.03	DPC	09/10/2012 12:06	EPA 200.8
Hexavalent Chromium, Cr+6	< 0.1	ug/L	U	0.5	0.1	TDF	09/11/2012	EPA 218.6
Copper, Cu	4.04	ug/L		0.05	0.02	DPC	09/10/2012 12:06	EPA 200.8
Nickel, Ni	6.89	ug/L		0.2	0.04	DPC	09/10/2012 12:06	EPA 200.8
Selenium, Se	6.3	ug/L		0.5	0.1	DPC	09/10/2012 12:06	EPA 200.8
Aluminum, Al	0.225	mg/L		0.001	0.0003	DPC	09/10/2012 12:06	EPA 200.8
Iron, Fe	0.943	mg/L		0.01	0.002	DAM	09/07/2012 11:50	EPA 200.7
Ammonia, NH3, as N	0.17	mg/L		0.05	0.01	DMM	09/07/2012	EPA 350.1
Chloride, Cl	270	mg/L		2	0.5	KLG	09/11/2012 16:59	EPA 300.1
Sulfate, SO4	1030	mg/L		10	3	KLG	09/11/2012 16:59	EPA 300.1

Plant Outfall #001

Sample Number: 123763-002 **Date Collected: 09/05/2012 09:00** **Date Received: 9/5/2012**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	2.8	ng/L		2	0.8	TLT	09/10/2012	EPA 1631E

Trip Blank

Sample Number: 123763-003 **Date Collected: 09/05/2012 09:00** **Date Received: 9/5/2012**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	0.3	ng/L	J	0.5	0.2	TLT	09/10/2012	EPA 1631E

Field Blank

Sample Number: 123763-004 **Date Collected: 09/05/2012 09:00** **Date Received: 9/5/2012**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	0.3	ng/L	J	0.5	0.2	TLT	09/10/2012	EPA 1631E

CPS Effluent

Sample Number: 123763-005 **Date Collected: 09/05/2012 08:10** **Date Received: 9/5/2012**


Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	343	ng/L		10	4	TLT	09/10/2012	EPA 1631E

Bioreactor Effluent**Sample Number:** 123763-006**Date Collected:** 09/05/2012 08:15**Date Received:** 9/5/2012

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	4	ng/L	J	5	2	TLT	09/10/2012	EPA 1631E

U: Analyte was analyzed and not detected at or above adjusted Method Detection Limit

J: Analyte was positively identified, though the quantitation was below Reporting Limit.

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THIS TEST REPORT RELATES ONLY TO THE ITEMS TESTED AND SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT WRITTEN APPROVAL OF THE LABORATORY. ALL TEST RESULTS MEET ALL OF THE REQUIREMENTS OF THE ACCREDITING AUTHORITY, UNLESS OTHERWISE NOTED.